CLAIMS

1. A speaker including:

a magnet circuit assembly including:

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a frame; and

a permanent magnet;

a diaphragm assembly including:

a diaphragm; and

a voice coil attached to an outer periphery of the

10 diaphragm; and

an edge that is attached to the frame along an outer periphery thereof and joined onto the diaphragm in a position more peripherally inward than the voice coil along an inner periphery thereof to partly overlap the diaphragm, and that supports the diaphragm assembly with respect to the frame;

wherein the diaphragm and the edge have a crossover portion in which the diaphragm and the edge overlap with each other, other than a joint thereof.

- 20 2. The speaker of claim 1, wherein a through-hole is provided in a portion of the diaphragm overlapped by the edge.
 - 3. The speaker of claim 1, wherein a guide is provided on the diaphragm in the joint of the diaphragm and the edge.

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4. The speaker of claim 3, wherein the guide is a recess for receiving the joint of the edge.

- 5. The speaker of claim 3, wherein the guide is a horizontal recess for receiving the joint of the edge.
- 6. The speaker of claim 3, wherein the guide is a U-shaped groove for receiving the joint of the edge.
 - 7. The speaker of claim 3, wherein the guide is a V-shaped groove for receiving the joint of the edge.
- 8. The speaker of claim 1, wherein the diaphragm is structured of a sheet material.

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- 9. The speaker of claim 1, wherein the edge is structured of a sheet material.
- 10. The speaker of claim 1, wherein the edge is structured of a material different from that of the diaphragm.
- 11. The speaker of claim 1, wherein the edge is structured of a material thinner than that of the diaphragm.
 - 12. The speaker of claim 1, wherein the edge is structured of a material softer than that of the diaphragm.
- 25 13. The speaker of claim 1, wherein the edge is structured of a material having larger internal loss than that of the diaphragm.
 - 14. The speaker of claim 1, including a tangential rib on the

edge.

15. A module including:

the speaker of claim 1; and

5 an electronic circuit coupled to the speaker.

- 16. Electronic equipment having the speaker of claim 1 incorporated therein.
- 10 17. A device having the speaker of claim 1 incorporated therein.
 - 18. A method of manufacturing the speaker of claim 1 including:
 manufacturing the magnetic circuit assembly;
 manufacturing the diaphragm assembly;
- positioning the diaphragm assembly and the frame on a positioning jig;

coupling the diaphragm assembly to the frame using the edge;

removing the positioning jig; and

- in place of the positioning jig removed, inserting and joining the magnetic circuit assembly to the frame.
- 19. The method of manufacturing the speaker of claim 18, wherein the positioning jig positions an inner diameter of the25 diaphragm assembly and an inner diameter of the frame.